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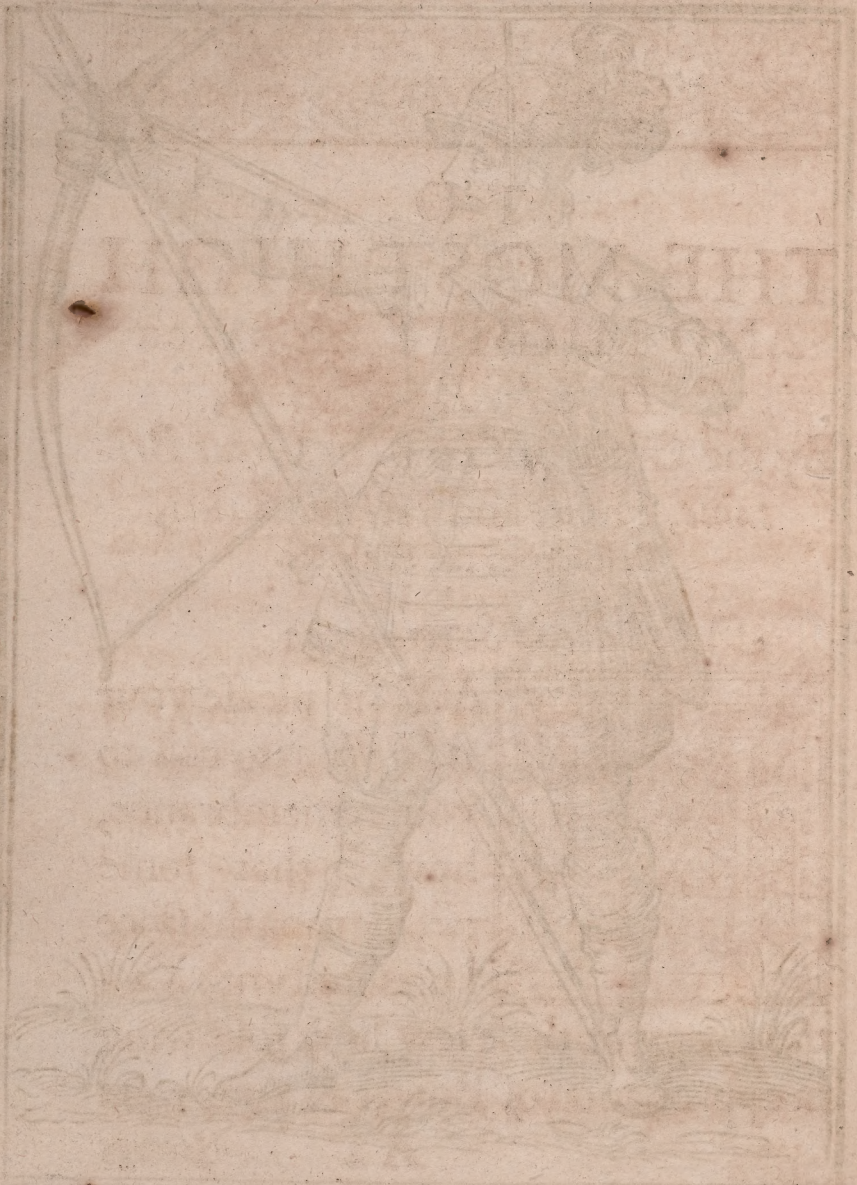
The Double-armed Man, *By the New Inuention:*
Briefly shewing some famous Exploits atchieued by our *British* Bowmen:
With seuerall Portraitures proper for the Pike and Bow.
By *W. N.* Archer.

Printed for *I. Grismand*, at the signe of the Gun in *Pauls Alley*. 1625.



TO THE MOST HIGH AND MIGHTY MONARCH *CHARLES*,

By the Grace of GOD, of *Great Britaine*, *France* and *Freland* KING, Defender of the Faith, &c.

Most dread Soveraigne:

MAY it pleaſe your *Maieſty*, to call to your remembrance, how, that ſome twelue months ſince I preſeted vnto You the Copy of theſe few lines following in approbation of Bowes & Arrowes:

Bowes and Arrowes heretofore haue beene famous weapons of warre, both offensiue and defensiue against the enemies of these Kingdomes: and thereby victorious battels and famous conquests haue bin gotten, though now they are imployed to no vse but for Recreation and sport; but I by practice, with an Inuention haue attained to this perfection, that a Souldier with his Corslet and Pike may vse his Long-Bow and Arrowes, with great agilitie, more force and aduantage against the Enemy, then euer heretofore, not hindring the vse of Gunnes or other weapons, nor incumbrance to the Pike or any martiall Discipline, &c.

After which, vpon your Maiesties order giuen for the sight thereof, I performed it before you by a Souldier in your Maiesties Parke at *S. Iames's*: and after that, I petitioned vnto your Maiestie,

ieſtie, that You would bee pleaſed to giue order that it might be practiſed in the two Schooles of *martiall Diſcipline*, the two *Gardens* of *London* and *Weſtminſter* (vnto which two I gaue vnto each a Pike and a Bow placed vnto it, and a ſheafe of Arrowes) and your Maieſties Anſwer vnto my Petition (as I was informed) was, That it were meeter for them to practiſe it of their owne accord. Vpon which Anſwer from your Maieſty, I ſolicited thoſe Societies for the practice and exerciſe of the Bow with the Pike: and accordingly that worthy Societie in the *Artillery Garden* in *London* hath practiſed it euer ſince. But becauſe many of that worthy Society haue not heretofore exerciſed ſhooting, it doth not take that perfection as yet, which I hope time and practice will bring it vnto:

for

for it is the exercise of shooting that must make men perfect therein: so that if Statute-Lawes were in force for the exercise of Shooting, as in former times they haue beene, then would this Invention of mine be perfitted, and the Brittish Bowmen grow famous againe as in former ages they were.

Most Gratious Soueraigne:

I haue endeuored my selfe vnto the vtmost of my small abilitie, for the setting forth of this Exercise, and spent my time and meanes for the accomplishment of my desires therin: which is, to make those worthy Societies perfect therein, and so generally throughout the Land: & hauing neither supportation, nor countenance, from any (but God alone) I cannot wholly imploy my selfe thereunto, being constrained for the maintenance of

my

my poore eſtate and family, to wreſtle in the world, neyther haue I literature ſufficient, for illuſtration of ſo worthy a thing, as is this Inuention, if it were perfect: yet that it may not die in obliuion, I haue here preſented vnto your Maieſty this vnpoliſhed Diſcourſe, ſhewing herein the antiquitie of the Bow, with part of the famous exploits which were atchieued by the ſeruice of our Brittiſh Bowmen, & the Common-wealths good in the time of the vſe thereof. Alſo, ſome directions for the practice of the Pike and Bow in Rankes and Fyles, by this Inuention; with ſome Portraitures of the proper poſtures belonging thereunto, and the proper words of command for the exerciſe thereof: Humbly beſeeching your ſacred Maieſtie, not to reiect it for the rudeneſſe thereof, for although

the

the tongue be faultering like *Moses*, and the hand be rough like *Esawes*, yet the heart is perfect and constant like *Hushai* vnto *Dauid*: Vouchsafe therefore, gracious Soueraigne, to grace it with your gracious acceptance; and if it grow to perfection, let God haue the honor, your Soueraigne Maiestie the patronage, and this Common-wealth the benefit.

Meane while I will euer pray vnto the Almighty for your Maiesties happie Reigne, prosperity, and preseruation, both here and hereafter.

Your Maiesties most dutifull and loyall Subiect,

WILLIAM NEADE,
Archer.

To The MOST HIGH COVRT OF PARliament, in both Houſes aſſembled.

Right Honourable and graue Senators:

It is recorded by diuers Hiſtorians, that many renowned Emperors, Kings, and great Potentates, haue exerciſed ſhooting for their recreations; and likewiſe reuerend and religious Biſhops after their painfull ſtudie; and alſo graue and worthy Senators, after their ſerious imployments, would ſometimes for their recreations take their Bowes and Arrowes and exerciſe Archery: And ſtill it was maintained, and alſo by Authority commanded to be exerciſed by all degrees both of old and young, and by Statute-Lawes there were penalties inflicted vpon all thoſe that neglected the ſame: The chiefe and principall cauſes were, thereby to make men apt and fit for ſeruice in time of wars, & for reſtraint of vnlawful games & exerciſes.

But now, by reason the Bow is not vsed in the warres, this Exercise is neglected, for which cause, (Right Honourable and graue Senators) my selfe being an Archer, (and knowing well, that in the hands of our Brittish Nation the Bow and Arrowes is a most famous weapon, and worthy to be preferred before any other weapon whatsoeuer) haue by my industry and practice, with an Inuention, ioyned the Bow and Pike together, whereby euery practitioner may bee a *Double-armed man*, and so vse them ioyntly or seuerally for his aduantage: Which inuention, if it were authorized and practised effectually, (as I haue with my great charges and industry Inuented it carefully) I doubt not but God will blesse and prosper our warres by it, like as in times past when the Bow was in vse; and our Brittish Bowmen (as formerly they were) will bee a terror vnto all their enemies, bringing home with them victory and conquest; which that it may be effected accordingly, I will euer pray vnto the Almighty, who is the giuer of victories; and euer rest

Your Honours most deuoted

in all submissiue duty,

William Neade
Archer.

To the Reader.

Courteous Reader, it is ingrafted into all men by the instinct of Nature, to loue their owne Countrie best, and to endeauor in all lawfull (and laudable) meanes for the prosperitie thereof: We know what great paines and perill, our worthy Generals, Captains, and Souldiers vndergoe in their marshall affaires abroad, whiles we recreate our selues with ease and pleasure at home: But hee that may take pleasure in such recreations, which may redound to the honour and welfare of his Countrie, and will neglect it, such are no louers but rather enemies to their Countrie: And so much I say in approbation of that laudable exercise of Shooting, which [exercise] is now (in this late secure age) altogether neglected, but onely in this Honourable City of London, *where it is countenanced and maintained: And therefore I may not omit to set downe in honour thereof, that once euerie yeare for the incouragement and maintenance of Archery, the Right Honourable the Lord Mayor, doth by Proclamation giue notice vnto all Archers, of certaine siluer*

uer games, which they freely doe beſtow vpon the beſt deſeruers: And this is maintained as a cuſtome vnto this day: And out of thoſe famous Archers were wont to be choſen the chiefeſt and moſt fitteſt, to bee of the Kings Yeomen of his Guard; which incouraged many in hope of ſuch preferments, to exerciſe ſhooting, and thereby to be very expert Bowmen: and by theſe and ſuch like meanes, the beſt deſeruers were preferred, and the King well furniſhed with all Bowmen, and the whole Land likewiſe was inuincible by the multitude of Bowmen.

And now (courteous Reader) to make thy recreation to redound to thy honour and thy Countries welfare, I preſent vnto thee a new Inuention (which is practiſed and approued of) whereby thou maiſt bring that famous weapon, the Bow and Arrowes, into the field againe, to doe ſeruice for thy Prince and Country: Now if thou wilt endeauor to practiſe it, as I haue endeauored to inuent it for thee, and ſo make thy ſelfe perfect therein by practice, (which thou maiſt do with little difficulty) then ſhalt thou againe illuminate the glorious ſplendor of our Britiſh Nation, (which formerly was obtained by the ſeruice of the Bowmen) and as thy Predeceſſors haue done, bring home into thy Country Trophees of Victories and Honour: In hope whereof I euer ſhall reſt

Thine aſſured,

W.N. Archer.

THE DOVBLE-ARMED MAN.

GOD Almighty, who is the author of al good vnto Man, putteth into his minde good motions, inuentions, and actions, for his helpe and preseruation.

As he did vnto *Noah* when he built the Arke, whereby both hee and his family were preserued from the Flood.

At which time also, the Lord made his Couenant with them, for their comfort, and set his Bow in the Cloud for confirmation thereof: and afterward, it pleased God to inspire into man such wisdome, and policy, to imitate and make materiall Bowes, for their vse and defence, against the wilde beasts of the field, which otherwise might haue deuoured them: and likewise when enuie and strife grew betwixt man and man, it serued for a chiefe weapon amongst them, to maintaine their rights, and to defend themselues one against the other, & so

by vſe the Bow became the beſt weapon of all others vnto ſucceeding ages.

And after this began the name of Archer; for it is ſaid of *Iſmael*, the ſonne of *Abraham*, that God was with him, and he dwelt in the wilderneſſe, and was an Archer.

So likewiſe were the two ſonnes of *Izhac*, for *Eſau* was an Archer, and he vſed his Bow for Hunting.

But *Iacob* vſed it for Warres, for hee ſaith vnto his ſonne *Ioſeph*, I haue giuen thee one portion of ground, which I got from the Amorite with my Sword, and with my Bow.

And ſo ſucceſſiuely it was vſed amongſt the Iſraelites, and of great eſtimation, for King *Dauid* he ſaith, that the Lord he teacheth the vſe thereof, and likewiſe inableth a man therevnto in theſe words, The Lord, ſaith he, teacheth my hands to Warre, ſo that a Bow of Steele is broken by mee: and all King *Dauids* Worthies and chiefe men of Ware, were armed with Bowes and Arrowes.

King *David* alſo, hee commanded that the children ſhould be taught to ſhoot, & to learne the vſe of the Bow, & ſo to ſucceeding ages it continued, and was accounted of amongſt all the famous Nations in the world, to be the beſt Weapon.

It is recorded in holy Writ, that the Aſſyrians they vſed the Bow and Arrowes, in all their warres againſt the Iſraelites.

The Perſians; their Kings were admirable Bow-

men,

men, and they accounted of it as their beſt weapon for warres, and ſtill it is in vſe with them.

And likewiſe the Romanes in all their conqueſts, they eſteemed of the Bowmen to bee the beſt and ſureſt ſouldiers.

The Parthians with their Bowes and Arrowes, vanquiſhed the famous Romane Captaine, *Craſſus*, with all his Legions (which came into their countrey to conquer it) and ſlew them all.

The Turkes, they haue vſed this weapon in all their conqueſts, and doe ſtill vſe it, ſo that by their continuall vſe and perfect skill therein, together with their innumerable multitude of Arrowes flying in the ſight of their enemies, when they goe to warres, they are a terrour vnto all their Chriſtian neighbours that inhabit about them, and what King or Potentate is of that force and power, as is the Turke now at this day.

But of all the Nations in the world, our Brittiſh Nation were moſt excellent and famous, in this weapon the long Bow and Arrowes, before wee were ſo variable in neglecting the vſe thereof.

And certainly, if we of all other Nations, being ſo expert in the vſe thereof; and alſo by agilitie ſo inabled, I ſay if we had exerciſed and vſed the long Bow and Arrowes in the Warres, as heretofore our Predeceſſors haue done, we had been famous thereby as they were.

For then our Brittiſh Nation were accounted the abſolute beſt warriours in the world, and got

by

by the vſe of the Bow, victorious battailes, and conqueſts, to their immortall fame and honour, as in our Chronicle-Hiſtories it is recorded, whereof I will ſet downe ſome few, omitting many more for brevitie.

I will firſt begin with King *William* the Conqueror, for he conquered this Land by the vſe of the Bow, as is recorded by Sr *Iohn Haward*, in his book of the Hiſtory of the three firſt *Norman* Kings.

Alſo King *Edward* the third, who hauing title to the Crowne of *France*, inuaded it, and in a ſet battell at *Creſſe*, he ſubdued the French, ſo that moſt of the Nobilitie were either ſlain, or taken; and alſo conquered the ſtrong towne of *Callis*, all which was accompliſhed by the ſeruice of the Bowmen.

After that, his ſonne the famous Prince *Edward* called the Blacke Prince, hee in a ſet battell at *Poytiers*, tooke the French King priſoner, and withall moſt of the Nobilitie were either ſlaine or taken: and all theſe battels and Victories were gotten by the Bowmens ſeruice.

So likewiſe King *Henry* the fift, in the battaile at *Agincourt*, obtained a glorious Victory: In which battaile, as the ſtory ſaith, were taken and ſlaine, the flower of all the Nobilitie of *France*, notwithſtanding the vnequalitie of the number in all theſe battels, for it is Recorded, that the French exceeded the Brittons in number ten for one, and this was atchieued by the ſeruice of the Bowmen.

After this, in the time of King *Henry* the ſixt, what

what famous battels were gotten vnder the leading of the Duke of *Bedford*, then Regent in *France*, by his valiant Bowmen.

I will forbeare to ſpeake of the ciuill Warres here in our owne Land, for they were vnnaturall warres, therefore let them die in obliuion.

But after this, King *Edward* the fourth made a iourney into France with his Bowmen, where hee obtained of the French King, a Peace according to his deſire.

Likewiſe when King *Henry* the ſeventh came in againſt *Richard* the murderous vſurper, & ſubdued him: in all which Warres, the Bow and Arrowes were altogether their chiefeſt and beſt weapons.

And likewiſe King *Henry* the eight, when hee made his journeys into France, & like a conqueror won the Cities of *Turwin*, and of *Tourney*, and afterward of *Bullen*; in all which journeys, hee was furniſhed with his valiant Bowmen, which ſtill were a terrour vnto their enemies, the ſhowers of Arrowes which they ſhot, did euen darken the skies, and did ſo amaze the enemy, that the very obiect thereof, was as grieuous vnto them, as death it ſelfe, for they are vnauoidable, as did appeare by the many wounds which they gaue vnto all either horſe, or foot, for no part of the body, the very eye is not free from the Arrow.

And this is certaine, that if either man or horſe be wounded with a ſheafe Arrow, with a Barb'd head thereon, let it be in what part of the body ſo euer,

if it doth not deadly execution, it makes him vncapable of doing any ſeruice, for either they muſt pull out the Arrow, and ſo mortifie and rend the fleſh, veynes, & ſinews, and ſometimes in ſo pulling of the Arrow out, to leaue the head behind, or elſe cut out the piece, in what place ſo euer it ſticketh.

But eſpecially for horſe it is acknowledged by all Commanders, that it is the abſolute beſt weapon of all others, for no horſe will endure the hurt of an Arrow, but with the ſmart thereof hee will diſorder all thoſe about him, and both ſpoile himſelfe and his Rider.

But now, by new Inuentions and Stratagems, the old Militarie diſcipline in the Warres is altered; and therefore the Bow is caſt by as altogether vnſeruiceable in theſe times.

True it is, that many are the Inuentions of man, and haue been from the beginning, ſome good and well-pleaſing to God, and ſome againe wicked and offenſiue both to God, and all good men.

Amongſt all which, *Bartholdus Swart* the Franciſcan Fryer, with his moſt diuelliſh Inuention of Gunpowder, is the moſt damnable, and from hell it ſelfe inuented.

But it is now of that eſtimation, that many other both Inuentions and Weapons, formerly in great account, are quite laid aſide as altogether vnneceſſary, eſpecially with vs, this ancient famous weapon, the Bow and Arrowes is quite extinguiſhed.

Other Nations notwithſtanding they make vſe

of

of new Inuentions; yet doe they not leaue off these famous ancient Weapons the Bow and Arrowes, as we haue done these many yeares.

And because now in these later variable times, since these sulphurious Inuentions haue beene discouered, and thereby the vse of Hand-guns and Muskets haue been in request, the Bow and Arrowes haue been altogether neglected by our Nation, as is aforesaid, because they are thought to be vneffectuall, and not of force to do that execution which the fiery weapons doe.

Yet notwithstanding, if the Premises before spoken of be well considered, (*viz.*) the number of Arrowes still flying, (for euery Archer may shoot sixe Arrowes within the time of the charging, and discharging of one Musket) and the number of Bowmen stil shooting, (for how many so euer they be, they may all shoot together) also the many wounds which the Arrowes doe giue, (for few of them fly in vaine amongst a multitude) together with the terrour of the Obiect, and sight of so many voleys of Arrowes still flying vpon the enemy: It cannot bee denied but it must needs disorder them, whether they be horse or foot.

Besides, in the raine or moist weather, the Bow and Arrowes are seruiceable, vpon all advantages, when the fiery weapons cannot be vsed.

But there is an Obiection to bee made, that it would bee double charges to maintaine Bowmen in the Warres, and the effects that may be

done thereby, will not counteruaile it.

Beſides, to haue Bowmen with others in the Warres, according to the Martiall diſcipline now vſed, they would be troubleſome vnto the reſt, and cannot be placed to doe ſeruice, as in former times they haue done, by reaſon there are not in theſe times, ſet battailes fought in the field, as in former times haue been: and in thoſe ſet battels the Bowmen were placed and barricadoed in, whereby the horſemen could not breake in vpon them; and being ſo conueniently placed, to ſhoot their voleys of Arrowes, thereby to gall and wound the horſe, and therewithall to diſorder them, and this is ſaid to be the moſt materiall ſeruice that the Bowmen did.

This obiection is anſwered by the chiefe ſubiect of this Diſcourſe, which ſhewes that the Pikeman now is made a Bowman alſo by this new Inuention practiſed.

I will not now further dilate vpon the many good ſeruices, which the Bowmen haue done in former times, ancient Hiſtories relate ſufficiently thereof, as before I haue ſhewed. But it is apparent by Record, that it was a conquering weapon: for I finde in thoſe battels formerly ſpoken of, that the Bowmen did ſo wound & anoy the enemy with Arrows, that they could neither fight nor fly, and that the Engliſh like conquerors, did kill and take priſoners whom they liſted; ſo that euery Engliſh ſouldier had two, three, or foure priſoners; and I thinke I may ſay without offence, that it is a weapon well pleaſing to God: But ſure I am, it is the cheapeſt weapon of all others, and the eaſieſt both to be had, and to be practiſed.

Beſides,

Beſides, it was a good Common-wealths handy Trade, and employed many thouſands at worke, which liued well thereby; for in euery City and Towne in euery Shire throughout the Land, yea in euery Country Pariſh, there were of Bowyers, Fletchers, String-makers, and Arrow-head makers, or ſome others thereunto depending, that liued by their imployment therein. And for recreation and exerciſe it exceedeth all, it makes vs apt and fit to doe our Prince ſeruice vpon all ſudden occaſions, it encreaſeth ſtrength and agility, it maintaines health, and expels diſeaſes, It procures a ſtomack, and cauſeth good digeſture, and being moderately vſed, the exerciſe thereof is maintained with verie ſmall charges,

Much more beſides may be ſpoken of this laudable Exerciſe of Shooting, for the exerciſe thereof expels drunkenneſſe, ſwearing, dicing, carding, quoyting, cat-playing, beſides many other vaine and vngodly vices.

Beſides, the Sabbath day was not ſo prophaned when this exerciſe was vſed, for then the country Famers and Yeomen, with others likewiſe, with their ſonnes and men-ſeruants, notwithſtanding they dwelt farre from their Pariſh Churches, yet would they take their Bowes and Arrowes for their recreation and exerciſe, and ſo ſhoot to their Pariſh Churches and goe to diuine Seruice, both morning and euening; whereas now, there are many that ſpend their time much worſe vpon the

Sabbath day, either in ſome of theſe vnlawfull games or vices before ſpoken of, or ſome others as bad, or elſe ſitting in the Alehouſe drinking, ſwearing, ſucking Tobacco, and ſo ſpending their time and patrimony alſo, and ſcarce go to Church, eſpecially to euening Prayer once in a quarter of a yeare.

All theſe premiſes conſidered, (obliged mee) both for the honour of God, my bounden duty and allegiance vnto my gracious Soueraigne, with my naturall loue to my country, for the honour and preſeruation of the ſame, both to ſtudy and practiſe how I might be ſeruiceable thereunto.

And thereupon, being an Archer, I practiſed how to bring that famous ancient weapon, the Long-bow and Arrowes into the field againe, to doe ſeruice for my Prince and Country, as in former times they haue done.

To this end and purpoſe I endeauored my ſelfe many yeares, practiſing with many inuentions, vntill at laſt it pleaſed God to perfect me therein: So that now I doe conſtantly affirme, not onely by my owne perfect experience and practice, but by the practice of the worthy Society of the traind Band, in the Artillerie Garden in *London*, it being practiſed there this twelue months, and approued of, not onely by that worthy Society, and the ancient experienced Captaine thereof, Captaine *Bingham*; but by the approbation of many other honourable Commanders,

That

That the Souldier with his Corflet and his Pike may be a Bowman alſo, with great eaſe and readineſſe, with great ſtrength and aduantage, and without incumbrance, and therewith to encounter his enemy in the open field, with the Muskettiers and others; whereas without the Bow the Pikemen are but as a marke for the Muskettiers and Horſemen to play vpon, doing no ſeruice vntill they come to the puſh or charge.

But now being armed with the Bow, they are ready to come on vpon all aduantages, his Pike being his barricadoe, and with his Arrowes he ſhall offend his enemy from 18 or 20 ſcore yards, vnto ſixe ſcore yards, as well as the Muskettiers, whether his enemy be horſe or foot, vntill they come to cloſe, which they will hardly do, as many Commanders doe verifie, if theſe weapons were well exerciſed and practiſed together, and men made perfect therein, according as is requiſite in all other weapons. *The former Obiection anſwered.*

But ſome haue obiected, that the weight of the Bow and Arrowes will be too much for the Pikeman to carie.

But it is eaſily anſwered, for it is very probable, that the weight is of no moment, for the Bow being faſtned vnto the Pike in the place where they ſhoulder the Pike, it is thereby caried with great eaſe: And likewiſe the Pike is a Reſt for the Bowarme for drawing of his Bow, being made faſt in the place aforeſaid with the Engin; for he chargeth

not

not his Bow-arme with any ſtrength by drawing, but onely to guide his Arrow towards his marke, by which helpe, he may draw a Bow much ſtronger then otherwiſe he could doe.

I reade alſo, that in former times when Bowmen had continued long in the Field, by reaſon of their lying on the ground, or by ſome other inconueniences, that thereby they grew weake, ſo that they were not able to draw their Bowes.

But now by this Inuention, with the helpe of the Pike, being a Reſt for the Bow-arme, as is aforeſaid, the Bowman is inabled to vſe his Bow, and to ſhoot, notwithſtanding theſe inconueniences.

For it is probable, that any Archer may draw his Bow with his right arme, which is his drawing arme, when hee cannot beare it out with his left arme, which is his holding-out, or Bow-arme.

I haue had conference with ſome Commanders, debating vpon ſeruices which may bee done with the Bow and Arrowes, and ſome are opinioned, that they wil be ſeruiceable for to ſhoot fire-works vpon ſome occaſion; and I know by experience, that an Archer may ſhoot an ounce of fire-worke vpon an Arrow twelue ſcore yards.

But they all doe approue, that the Pikemen being armed with Bowes and Arrowes, according to this Inuention practiſed, they are thereby enabled to doe very materiall ſeruice, for the guard of conuoyes, which for the moſt part are aſſaulted by the horſe.

And

And although now in these times, there are many stratagems vsed in the Warres, which in former times were not; yet notwithstanding I presume, that Bowes and Arrowes vsed by this Inuention, will be found very seruiceable many wayes as yet vndiscouered.

And therefore I conclude, that by this Inuention, the Bowman may performe that seruice many wayes, which in former times hee could not doe, being armed with his Corslet, and barrocadoed with his Pike, and thereby imboldened to come on, as is aforesaid, or if occasion be, vpon any seruice, he may take his Bow from his Pike, and so be a Bowman, or Pikeman alone.

Now the perfection of this exercise if they haue been Bowmen, may be attained vnto by practice without any great difficultie, and thereby hee is a *Double-Armed man*: And for the order and postures belonging to the Pike and Bow, for the true vse thereof, is as followeth.

First, the whole body of Pikes must keepe their fyles of Pikes straight by line, for in so doing they may all shoot, as well the middle and the Reare, as the Front, without offending one another.

Secondly, euery follower must shoot right ouer his Leaders head, and so shoot thorow his own fyle of Pikes, for that must be his true direction to make his shoot.

Thirdly, if the enemy comes on, and that the leaders doe shoot brest high, then are the follow-

ers to beare their Bowhand euen with the top of his leaders head, for that is the loweſt and ſhorteſt diſtance, that they can ſhoot, ſtanding in their order, and ſquare body.

Fourthly, after your laſt ſhoot, which is about ſixeſcore yards, you muſt faſten your Bow, and come vp to your cloſe order for the charge, and if it be for horſe, while the fiue or ſixe firſt Ranges ſtand charged with their Pikes, reſted at the foot, and their Swords drawne, the middle & the reare may ſhoot their voleys of Arrowes, and doe good ſeruice, whereas without their Bowes they can doe nothing, but ſtand with their Pikes ſloapt, or ſported

Theſe obſeruations for the practice of this exerciſe, I haue here ſet downe for inſtruction vnto all thoſe, that hereafter ſhall endeuour to practiſe the ſame.

Here followeth the proper words of command, belonging to this exerciſe for the Pike and Bow, according as it hath beene practiſed by the worthy Societie in the Artilerie Garden in London.

The

The proper words of command for this exercise, are as followeth.

Order your Pike.
Slope your Pike.
Vnfasten your Bow.
Draw out your Arrow.
Nock your Arrow.
Shoot wholly together.
Port your Pike and March.
Port and Retire.
Fasten your Bow.
Recouer your Pike.
Aduance your Pike.
Come vp to your close Order.
Charge your Pike.
Recouer your Pike.
Shoulder your Pike and March.
Comport your Pike and March.

Here followeth also:
Sixe severall Portraitures, most proper for this exercise with the Pike and Bow, by this Invention, with the Observations, and words of command, properly belonging to each severall posture.

The Pikeman ſtands ordered.

This Portraiture is firſt placed, being properly the firſt Poſture: for the Pikeman ſtanding ordered, is ready alſo for all other Poſtures, or ſervice whatſoeuer he ſhall be commanded:
As,

Advance your Pike, *&c.*

Shoulder your Pike, *and March.*

Slope your Pike.

Vnfaſten your bow, and ſhoot.

Port *your pike and march.*

Port *your pike and retire, &c.*

The Pikeman ſtands ſloapt and ſhooting.

This Portraiture is properly for ſhooting, with this obſeruation, the Butt end of the Pike be faſt in the ground at the right foot.

The words of command for this poſture, are as followeth:

Sloape your pike.

Vnfaſten your bow.

Draw out your arrow.

Nocke your arrow.

Shoot wholly together.

The Pikeman ſtands ported to march or retire.

This Portraiture is moſt proper for the third place, for after ſhooting the firſt volley of Arrowes at the furtheſt diſtance, If any fall ſhort, you are ready being ſo ported, to march ten paces, or more or leſſe, as you ſhall be commanded, to ſhoot your ſecond volley of arrowes; and then againe being ſo ported, you are readie to retire, as aforeſaid, to ſhoot the third volley of arrowes.

&c.

After which, the words of command are,

Faſten your bow.

And

Recouer your pike.

The Pikeman ſtands charged.

This Portraiture is placed next after the former, for when the Souldier hath ſhot his volleys of arrowes, and faſtned his bow, if the enemy will come to the puſh, then is he readily a pike-man, and ſo to receiue his enemy at the puſh.

The words of command for this poſture, are as followeth:

Aduance your Pike.

Come vp to your cloſe Order.

Charge your Pike.

The Pikeman ſtands coucht and charged for the horſe, with his Sword drawne.

This Portraiture of charging for horſe, is to ſhew, that the Bow is very materiall for this ſeruice; for the fiue or ſixe firſt rankes ſtanding coucht at this charge, the middle and the reare may ſhoot their volleyes of arrowes, and therewith both gaule, wound, diſorder, and kill the enemy, both man and horſe.

The words of command are,

Fiue firſt Rankes draw your Swords cloſe to your pouldrons.
Charge at the foot, and couch low.
Middle and Reare, port and come vp to your order, and ſhoot your Arrowes.

The Pikeman ſhoulders and marches.

This Portraiture of ſhouldering and marching, is placed to ſhew with what eaſe the Bow is caried with the Pike, and without incumbrance vnto the pikeman, either for cariage or ſeruice.

The words of command for this poſture are,

Shoulder your Pike and March.

Likewiſe comporting is very proper vpon ſome occaſion for the Pike and Bow: the words are,

Comport your Pike and March.

FINIS.

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